

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS  
ACCESSION NUMBER: 1995:648143 CAPLUS

DOCUMENT NUMBER: 123:56394

TITLE: Corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors  
INVENTOR(S): Stache, Ulrich; Alpermann, Hans-Georg;  
Duerchein, Walter; Bohn, Manfred  
PATENT ASSIGNEE(S): Hoechst A.-G., Germany  
SOURCE: Eur. Pat. Appl., 45 pp.  
CODEN: EPXXDF

NUMBER DATE

PATENT INFORMATION: EP 646593 A1 950405  
DESIGNATED STATES: PL, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,  
LI, LU, NL, PT, SE

APPLICATION INFORMATION: EP 94-115348 940929  
PRIORITY APPLN. INFO.: DE 93-4333920 931005

DOCUMENT TYPE: Patent

LANGUAGE: German

OTHER SOURCE(S): HARMAT 123:56394

AB Title eters I [A = CHO, CHCl, CH<sub>2</sub>, CO; Y = H, F, Cl; Z = H, F, Me; R<sub>1</sub> = (un)substituted alkyl, aryl, heterocryl; R<sub>2</sub> = alkyl, Ph, CH<sub>2</sub>Ph; R<sub>3</sub> = H, Me; n = 0, 1] were prep'd. from the 17-monooesters. Thus, prednisolone 17-benzoate was treated with PhCH<sub>2</sub>CO<sub>2</sub>H and dicyclohexylcarbodiimide and pyridinium sulfate in pyridine to give the 21-phenylacetate (II). At 1.0 mg/mL, applied topically with croton oil, II gave 91% inhibition of the croton oil edema in rats.

IT 164343-59-3 CAPLUS

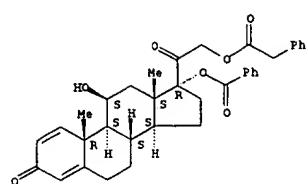
RN: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN: 164343-59-3 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-11-hydroxy-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

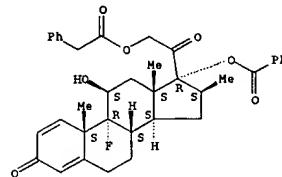
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN: 164344-01-8 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-fluoro-11-hydroxy-16-methyl-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 164343-43-5P 164343-45-7P 164343-50-4P

164343-51-5P 164343-54-8P 164343-56-0P  
164343-57-1P 164343-58-2P 164343-60-6P  
164343-61-7P 164343-64-0P 164343-65-1P  
164343-68-4P 164343-70-8P 164343-74-2P  
164343-75-3P 164343-76-4P 164343-77-5P  
164343-78-6P 164343-79-7P 164343-80-0P  
164343-81-1P 164343-82-2P 164343-83-3P  
164343-84-4P 164343-85-5P 164343-86-6P  
164343-87-7P 164343-91-3P 164343-92-4P  
164343-93-5P 164343-95-7P 164343-99-1P  
164344-00-7P 164344-00-5P 164344-36-9P

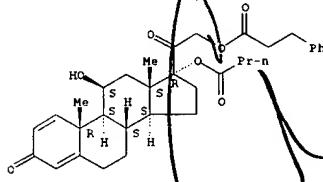
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)  
(corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN: 164343-43-5 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-(1-oxo-3-phenylpropoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

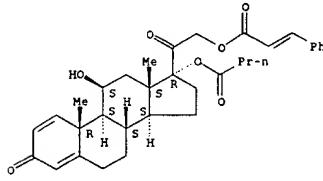
Absolute stereochemistry.



RN: 164343-45-7 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

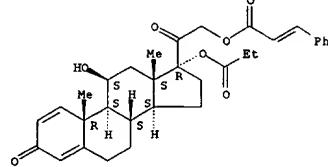


RN: 164343-50-4 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 11-hydroxy-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-17-(1-oxopropoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

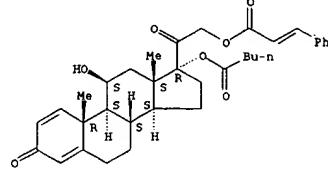
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN: 164343-51-5 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxopentyl)oxy]-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

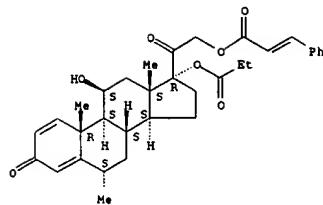


RN: 164343-54-8 CAPLUS

CN: Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-17-(1-oxopropoxy)-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

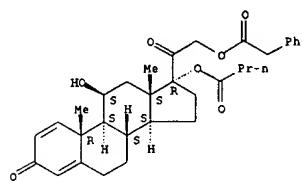
Absolute stereochemistry.  
Double bond geometry unknown.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-56-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-  
 (phenylacetyl)oxy]-, (11.β.)- (9CI) (CA INDEX NAME)

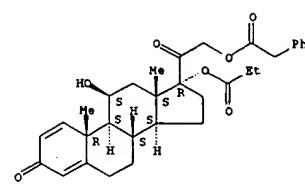
Absolute stereochemistry.



RN 164343-57-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxopropoxy)-21-  
 (phenylacetyl)oxy]-, (11.β.)- (9CI) (CA INDEX NAME)

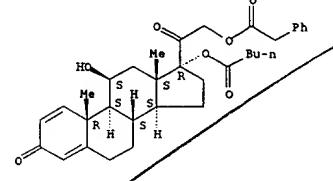
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-58-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-  
 (phenylacetyl)oxy]-, (11.β.)- (9CI) (CA INDEX NAME)

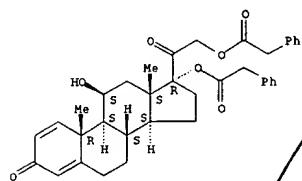
Absolute stereochemistry.



RN 164343-59-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17,21-bis(phenylacetyl)oxy]-  
 (11.β.)- (9CI) (CA INDEX NAME)

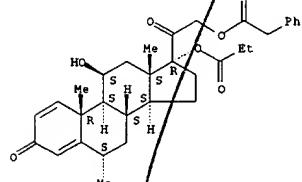
Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-61-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-17-(1-oxopropoxy)-  
 21-[(phenylacetyl)oxy]-, (6.α.,11.β.)- (9CI) (CA INDEX NAME)

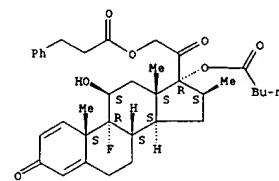
Absolute stereochemistry.



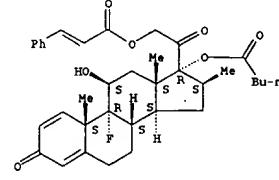
RN 164343-64-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-  
 oxopropoxy)-21-(1-oxo-3-phenylpropoxy)-, (11.β.,16.β.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



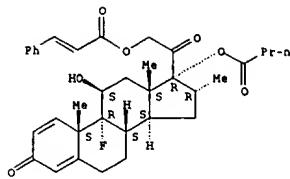
RN 164343-65-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-  
 oxopropoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.β.,16.β.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.

RN 164343-68-4 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-  
 oxobutoxy)-21-(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.β.,16.α.)- (9CI) (CA INDEX NAME)

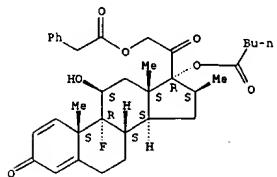
Absolute stereochemistry.  
Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-70-8 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-oxopentyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

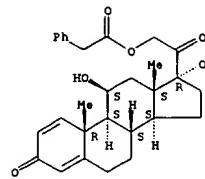
Absolute stereochemistry.



RN 164343-74-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(acetyloxy)-11-hydroxy-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

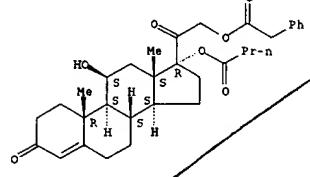
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-75-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

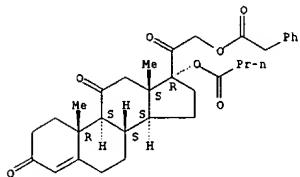
Absolute stereochemistry.



RN 164343-76-4 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

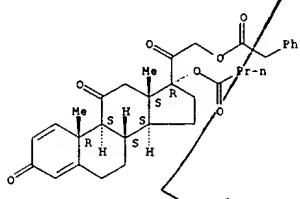
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-77-5 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

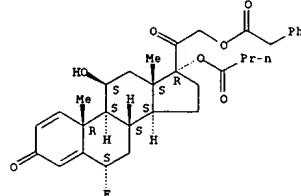
Absolute stereochemistry.



RN 164343-78-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6-fluoro-11-hydroxy-17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

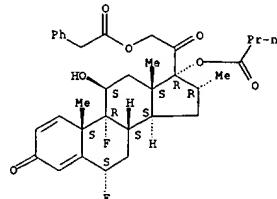
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-79-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

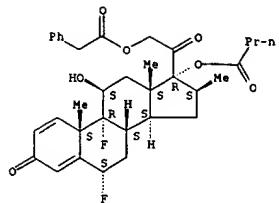
Absolute stereochemistry.



RN 164343-80-0 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-[(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

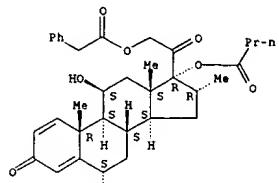
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-81-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6,16-dimethyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

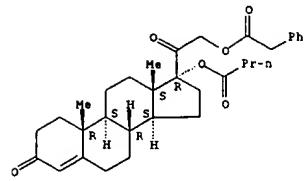
Absolute stereochemistry.



RN 164343-82-2 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

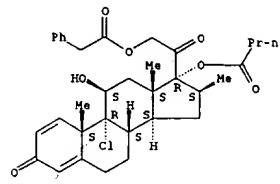
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-83-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-chloro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

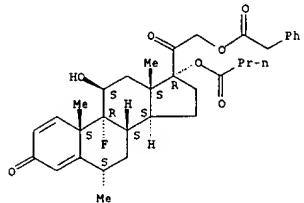
Absolute stereochemistry.



RN 164343-84-4 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-6-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

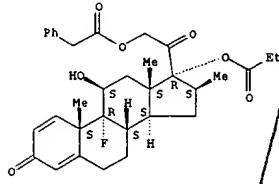
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-85-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxopropoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

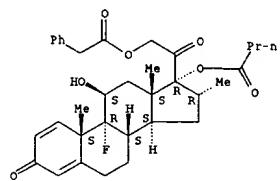
Absolute stereochemistry.



RN 164343-86-6 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

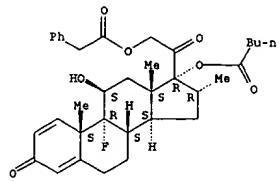
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-87-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxpentyl)oxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

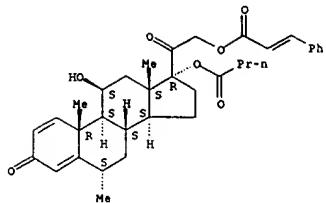
Absolute stereochemistry.



RN 164343-91-3 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

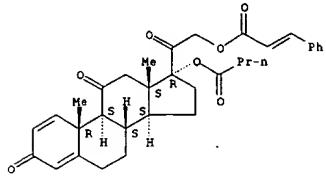
Absolute stereochemistry.  
 Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-92-4 CAPLUS  
 CN Pregna-1,4-diene-3,11,20-trione, 17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]- (9CI) (CA INDEX NAME)

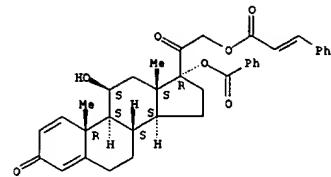
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164343-93-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-11-hydroxy-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

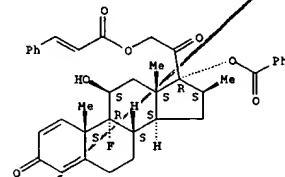
Absolute stereochemistry.  
 Double bond geometry unknown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164343-95-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-fluoro-11-hydroxy-16-methyl-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

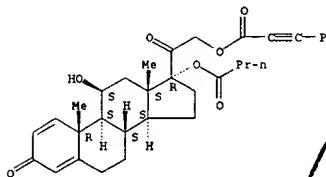
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164343-99-1 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-3-phenyl-2-propenyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

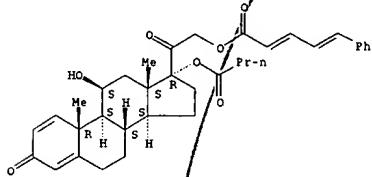
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164344-00-7 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-5-phenyl-2,4-pentadienyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

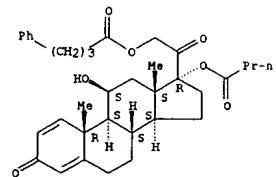
Absolute stereochemistry.  
 Double bond geometry unknown.



RN 164344-08-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(1-oxo-4-phenylbutoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

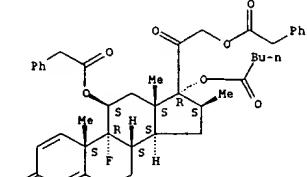
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1998 ACS (Continued)



RN 164344-36-9 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 9-fluoro-16-methyl-17-[(1-oxopentyl)oxy]-11,21-bis[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

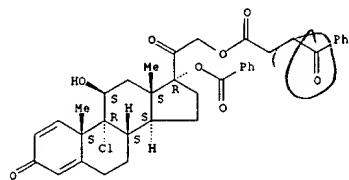
Absolute stereochemistry.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1998 ACS  
ACCESSION NUMBER: 1978:510122 CAPLUS  
DOCUMENT NUMBER: 89:110122  
TITLE: Corticoids  
INVENTOR(S): Annen, Klaus; Laurent, Henry; Wiechert, Rudolf;  
Hofstaetter, Helmut; Kapp, Joachim; Friedrich,  
Wendt, Hans  
PATENT ASSIGNEE(S): Schering A.-G., Ger.  
SOURCE: Ger. Offen., 34 pp.  
CODEN: GWXXBX

PATENT INFORMATION: DE 2645104 780406  
 APPLICATION INFORMATION: DE 76-2645104 761004  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 AB Pregnenetriol I ( $R = OH$ ,  $F$ ;  $RR_1 = OH$ ;  $R_2 = Cl$ ,  $OH$ ,  $Cl-10$  acyloxy;  $R_3 = Cl-10$  acyloxy) were prep'd. Thus  $9\alpha$ -hydroxy- $\alpha$ -chloropregnadiolone was ketalized and treated with  $HgCl_2-NaOAc$  to give  $17\alpha$ -hydroxy- $9\alpha$ -hydroxy- $\alpha$ -chloro-11-beta,21-dihydroxy-1,4-pregnadiene-3,20-dione, which was converted to its 21-mesylate. Chlorination-dehydrochlorination of the mesylate gave I ( $R = OH$ ,  $R_1 = OH$ ,  $R_2 = Cl$ ,  $R_3 = OAc$ ), which had an antiinflammatory ED<sub>50</sub> in the Mycobacterium butyricum edema test 3.6 mg/kg orally in rats.  
 IT 66853-40-5P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and dehydrochlorination of)  
 RN 66853-40-5 CAPLUS  
 CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-4-phenylbutyroyl)-11-hydroxy-, (11-beta,17- $\alpha$  (SC1) (CA INDEX NAME)

### Absolute stereochemistry.



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## L6 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 81:971 USPATFULL

TITLE: Novel corticoids

INVENTOR(S): Annen, Klaus, Berlin, Germany, Federal Republic of Laurent, Henry, Berlin, Germany, Federal Republic of Hofmeister, Helmut, Berlin, Germany, Federal Republic of Wieschert, Rudolf, Berlin, Germany, Federal Republic of Wendt, Hans, Berlin, Germany, Federal Republic of Kapp, Joachim F., Berlin, Germany, Federal Republic of Schering Aktiengesellschaft, Berlin and Bergkamen, Germany, Federal Republic of (non-U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION: US 4243664 810106  
APPLICATION INFO.: US 79-20154 790313 (6)  
RELATED APPLN. INFO.: Division of Ser. No. US 77-839486, Filed on 4 Oct 1977, now patented, Pat. No. US 4176126

NUMBER DATE

PRIORITY INFORMATION: DE 76-2645104761004

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Roberts, Elbert L.

LEGAL REPRESENTATIVE: Milen &amp; White

NUMBER OF CLAIMS: 5

EXEMPLARIC CLAIM: 1,5

LINE COUNT: 791

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel corticoids of formula I ##STR1## wherein X is .beta.-hydroxymethylene, .beta.-fluoromethylene or carbonyl; Y is fluorine, chlorine, hydroxy, or acyloxy of 1-10 carbon atoms; and R<sub>sub</sub>1 is acyloxy of 1-10 carbon atoms, possess strong anti-inflammatory activity when administered topically and display only minor systemic side effects.

IT 66853-40-5P

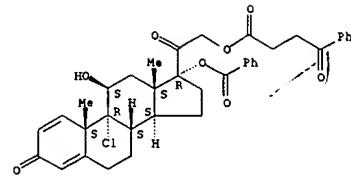
(prepn. and dehydrochlorination of)

RN 66853-40-5 USPATFULL

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-4-phenylbutoxy)-11-hydroxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## L6 ANSWER 1 OF 2 USPATFULL (Continued)



## L6 ANSWER 2 OF 2 USPATFULL

ACCESSION NUMBER: 79:47493 USPATFULL

TITLE: Novel corticoids

INVENTOR(S): Annen, Klaus, Berlin, Germany, Federal Republic of Laurent, Henry, Berlin, Germany, Federal Republic of Hofmeister, Helmut, Berlin, Germany, Federal Republic of Wieschert, Rudolf, Berlin, Germany, Federal Republic of Wendt, Hans, Berlin, Germany, Federal Republic of Kapp, Joachim-Friedrich, Berlin, Germany, Federal Republic of Schering Aktiengesellschaft, Berlin and Bergkamen, Germany, Federal Republic of (non-U.S. corporation)

PATENT INFORMATION: US 4176126 791127

APPLICATION INFO.: US 77-839486 771004 (5)

NUMBER DATE

PRIORITY INFORMATION: DE 76-2645104761004

DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Roberts, Elbert L.

LEGAL REPRESENTATIVE: Milen &amp; White

NUMBER OF CLAIMS: 15

EXEMPLARIC CLAIM: 1

LINE COUNT: 909

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel corticoids of formula I ##STR1## wherein X is .beta.-hydroxymethylene, .beta.-fluoromethylene or carbonyl; Y is fluorine, chlorine, hydroxy, or acyloxy of 1-10 carbon atoms; and R<sub>sub</sub>1 is acyloxy of 1-10 carbon atoms, possess strong anti-inflammatory activity when administered topically and display only minor systemic side effects.

IT 66853-40-5P

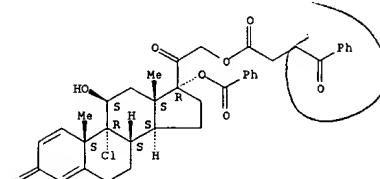
(prepn. and dehydrochlorination of)

RN 66853-40-5 USPATFULL

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-chloro-21-(1,4-dioxo-4-phenylbutoxy)-11-hydroxy-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## L6 ANSWER 2 OF 2 USPATFULL (Continued)



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(FILE 'HOME' ENTERED AT 11:02:57 ON 12 JUN 1998)

FILE 'REGISTRY' ENTERED AT 11:04:52 ON 12 JUN 1998

L1                   STRUCTURE UPLOADED  
L2                   4 S L1  
L3                   39 S L1 FULL

FILE 'CAPIPLUS' ENTERED AT 11:05:46 ON 12 JUN 1998

L4                   2 S L3

FILE 'BEILSTEIN' ENTERED AT 11:07:01 ON 12 JUN 1998

L5                   1 S L1 FULL

FILE 'USPATFULL' ENTERED AT 11:07:51 ON 12 JUN 1998

L6                   2 S L3